Applicants

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Serial No.

09/809,454

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In the Specification:

On pages 6, please replace the paragraph starting on line 9 with the following new paragraph:

Thermally sensitive trigger assembly 50 may be any trigger assembly commonly known in the art. For example, thermally sensitive trigger assembly 50 includes one or more plates 52 and, 54, joined by heat fusible material, such as a suitable solder. Plates 52, 54 are each formed with an aperture which receives and holds the ends of levers 48 in the closed position. In the closed or non-activated position, thermally sensitive trigger assembly 50 will be positioned either within cavity 30 of annular member 32 or within a central opening 42 of housing 40, a presclected distance from bottom 44. When subjected to a preselected temperature, the fusible material will fuse, causing the release of plates 52, 54. Upon release, levers 48 move to their outwardly biased position which releases sealing assembly 36, and results in the expulsion of deflector 34 from its position proximate to outlet 28. Pins or guide rods 56, slidably positioned within apertures 56' formed in sprinkler body 20 are attached to deflector 34 and halt the progression of deflector 34 such that it is supported a preselected distance within the protected area. A pair of wrench ears 57 extend from sprinkler body 20 and permit an operator to secure sprinkler head 10 to a piping system (not shown) with a wrench or other suitable tool. Thereafter, pressurized water or other fire extinguishing fluid travels through sprinkler body 20 and into the protected area to suppress or extinguish a fire. The previous description of sprinkler head 10 is illustrative of a concealed sprinkler head. A suitable sprinkler head for use with this invention is disclosed in commonly assigned U.S. Application Serial No. 09/438,141, filed November 10, 1999, and entitled Double-Blade Deflector for Side Wall Sprinkler, now U.S. Pat. No. 6,367,559, the disclosure of which is hereby incorporated herein by reference. However, it will be understood that other configurations for sprinkler head 10 may be used without departing from the spirit and scope of the present invention. It will be further understood that although sprinkler head 10 has been described as a concealed side wall sprinkler head, the present invention is equally applicable to concealed sprinkler heads mounted within a ceiling or other horizontal body.